

ED_000545B_00002022

Performance Work Statement

Contract EP-C-07-018	Work Assignment Number 1-04, Amendment 2
Issuing Office	Environmental Protection Agency 2000 Traverwood Drive Ann Arbor, MI 48105-2498
Contractor	Southwest Research Institute 6220 Culebra Rd. San Antonio, TX 78228-0510
Title	Comprehensive Gasoline Light Duty Exhaust Fuel Effects Test Program to Cover Multiple Fuel Properties
Work Assignment Manager (WAM)	Rafal A. Sobotowski, 734/ 214-4228
Alternate WAM	Constance Hart, ASD 734/214-4340
Technical Contacts	Rafal Sobotowski, ASD 734/214-4228 Antonio Fernandez, ASD 734/214-4431 Carl Fulper, ASD 734/214-4400 Aron Butler, ASD 734/214-4011
LOE Estimate:	-30 hours

Work Assignment 1-04 "Comprehensive Gasoline Light Duty Exhaust Fuel Effects Test Program to Cover Multiple Fuel Properties", shall be amended as follows:

The requirement that hydrogen content of the test fuels be measured by ASTM D4808 Method A shall be removed.

Number of fuels affected: 15 (all E0 and E10 fuels, except Fuel #5)

Cost:
Tech manhours:
Engineer manhours:

Only OptiDist distillation stills shall be used to generate ASTM D86 distillation data on all E10 fuels which must yet be blended. For SWRI this requirement amounts to having another laboratory perform these tests and only includes sample preparation, shipment and placement of the order by SWRI.

Number of fuels affected: 8 (all E10 fuels)

Cost: Ex. 4 - CBI Assumed to be the same as the cost of D86 testing using non-OptiDist equipment, which has already been contracted

Tech manhours: Ex. 4 - CBI

Engineer manhours: Ex. 4 - CBI

A sample of the bulk blend of each test fuel shall be shipped by the fuel blending subcontractor to SWRI for analysis prior to the shipment of the bulk quantity of that fuel. The shipment of this fuel sample does not affect the scope of the fuel analyses to be performed by SWRI under WA 1-04. Per this amendment, these analyses will be performed while the bulk quantity of the fuel is still at the blending contractor's facility, as opposed to SWRI.

Number of fuels affected: 15 (all E0 and E10 fuels, except Fuel #5)

Cost: Ex. 4 - CBI

Tech manhours: Ex. 4 - CBI

DVPE by ASTM D5191 shall be measured in the three drums of fuel 17 received from Intertech.

Number of fuels affected: 3

Cost: Ex. 4 - CBI

Tech manhours: Ex. 4 - CBI

Engineer manhours: Ex. 4 - CBI